

Boerboel Genetic Evaluation

SA Stud Book
February 2026

MR S. GHARTEY

NW 134 NSAWAM

NSAWAM

GHANA

0



Kennel Number: 665084



Estimated Breeding Values (EBVs)

Litter size and conformation traits are influenced by many genes, with every gene making a small contribution to the expression of the trait. These traits are, however, also influenced by physiological and physical environmental factors, for example the age and sex of the animal, the feeding and management the animal received and year x season effects. It is therefore not possible to know what the animal's genetic potential for the trait is by merely using the measurement.

With BLUP (*Best Linear Unbiased Prediction*) methodology an animal's genetic potential is predicted by making use of the genetic parameters (heritabilities and genetic correlations) of the breed, pedigree information, as well as the measurements of the animal as deviation from the average of the animals that were measured with the animal. Adjustments are made for differences in sex, age, classifier, management and year x season effects to ensure that fair comparisons are made amongst the animals. These predictions are called **EBVs (Estimated Breeding Values)** which indicates the animal's genetic potential for the specific trait and predicts the type of progeny that the animal will breed.

Pedigree information determines the genetic level at which the animal enters the genetic evaluation, it links the information of all relatives together and it is used to determine the genetic ranking of the breed. For young animals that were not yet measured, mid-parent EBVs are estimated, which are the average of the EBVs of the sire and dam. These breeding values are still inaccurate and can change a lot when more information (measurements) is included in subsequent genetic evaluations.

Breeding values therefore enables a breeder to compare his/her animals genetically to one another, as well as to all other animals of the breed. This Report gives a summary of the genetic levels of the active males and females of the relevant breeder in comparison to that of the breed for linearly classified traits and litter size. The genetic change that occurred over time can also easily be seen.

Breeding Value Indices (EBVi)

For easy interpretation, EBVs are standardised and expressed relative to the average (100) of the active animals of the breed, using 12 as standard deviation (SD). This means that an EBV of 100 is equal to the active average of the breed, and more or less 50% of the animals will have EBVi's of between 90 and 110, which indicates an average animal. Only 0.5% of the EBVi's will be lower than 64 and 0.5% will be higher than 136. Higher EBVi's indicate better genetic potential for the trait.

Accuracy

EBVs are published with an **accuracy value (%)**, which indicates how much info was available for the estimation of the EBV and with how much trust it can therefore be applied. Factors that influence the accuracy include heritability, completeness and correctness of pedigree information, number of own and measured relatives and the size of the group in which the animal was measured. When an accuracy of 85% and more is reached, the EBV should not change significantly with the inclusion of more information in subsequent genetic evaluations.

Kennel and Breed Averages: The different traits' averages of the breeder's active animals are compared to those of the breed in the Kennel and Breed Average Graphs and Tables. The breeder can therefore easily see for which traits the animals are above or below the average of the breed.

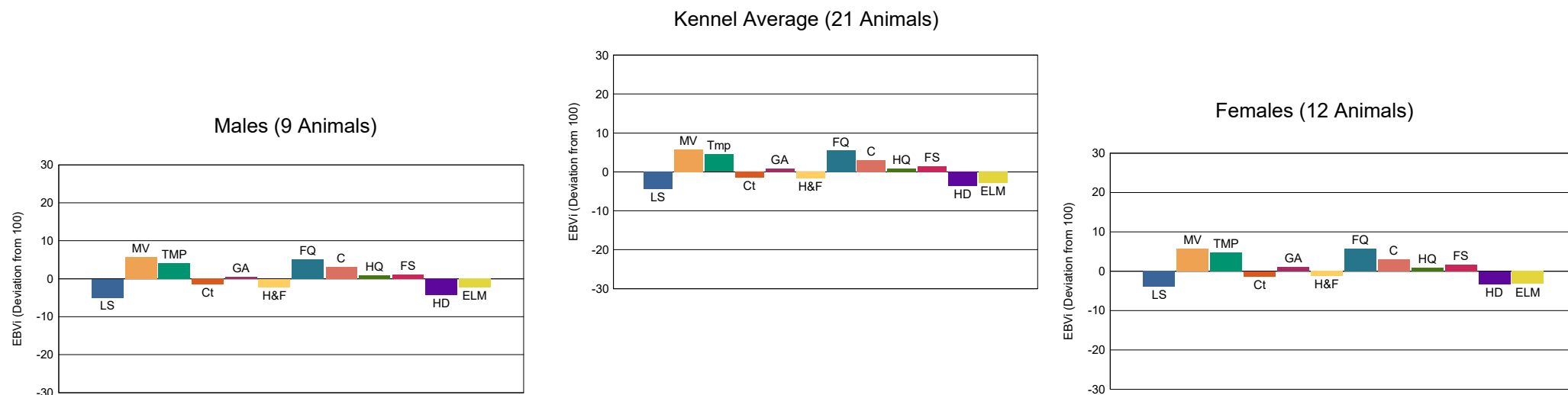
Genetic Trends: The Genetic Trends indicate the genetic change that occurred over time in the animals bred by the breeder compared to that of the breed. These are calculated as the average of the breeding values of all measured animals bred by the breeder, per year of birth.

Inbreeding: Inbreeding is the mating of related animals and is widely viewed as being harmful. The danger of inbreeding lies there in that it can gradually decrease fertility and survivability – a phenomenon known as inbreeding depression. It can cause lower conception rates, more abortions, more stillborn and weak offspring and a higher susceptibility to diseases. Indications in dogs include a low litter size as well as problems relative to fertility, such as invisible heat, behavioural problems when mating and low sperm quality. Overall, reduced litter size most likely reflects inbreeding depression in several traits, both physiological and behavioural, as well as a high frequency of non-viable embryos due to lethal alleles. Generally, the effects of inbreeding can become noticeable at a value of 6.25%, therefore it is generally recommended that individuals should have inbreeding coefficients of less than 6.25%. Breeders should therefore avoid matings causing inbreeding of more than 6.25% in the progeny. The theoretical maximum inbreeding coefficient is 50%. However, it should be noted that not all inbred animals show signs of inbreeding depression.

The data used in this evaluation was obtained from LOGIX from linear classifications that were done by the Breeder Society. All possible attempts have been made to present the information correctly. SA Stud Book does not accept responsibility for the use and interpretation of the information presented on animals in this publication.

Genetic Levels

Kennel Average relative to Breed Average, where Breed Average is indicated as 0



Average Breeding Value Indices (EBVi) where Breed Average = 100

Trait	All Animals	Males	Females
Litter size (LS)	96	95	96
Movement (Mv)	106	106	106
Temperament (Tmp)	105	104	105
Coat (Ct)	99	99	99
General Appearance	101	100	101
Head & Face (H&F)	98	98	99
Front Quarter (FQ)	105	105	106
Centre (C)	103	103	103
Hind Quarter (HQ)	101	101	101
Final Score (FS)	101	101	102
Hip Health (HH)	96	96	97
Elbow Health (ELM)	97	98	97

Inbreeding

Notes

Inbreeding primarily leads to decreased fertility, low survivability of pups and low disease resistance.

Inbreeding coefficients are calculated for all animals of the breed and indicates the probability that two genes of a pair are the same due to a common ancestor in the pedigree of the animal.

The adverse effects of inbreeding can be observed from 6.25% onwards.

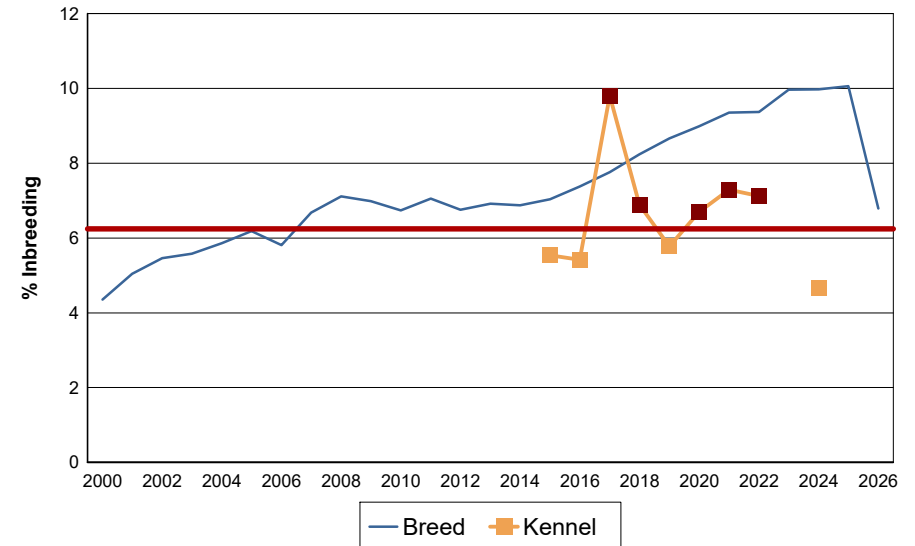
It is therefore highly recommended to record pedigree information as accurately. Inbreeding is dependent on pedigree information. Conventional methods for the calculation of inbreeding coefficients usually assume that unknown parents are unrelated, which is usually far from the truth. Inbreeding coefficients are therefore conservative indicators of the level of inbreeding.

Incomplete or incorrect pedigree information can be reported to SA Stud Book via the Breed Society.

Inbreeding Levels for Specific Matings

Progeny with Parents :	25%
Full Brother x Full Sister :	25%
Half Brother x Half Sister :	12.5%
One Common Grandparent :	6.25%
One Common Great-Grandparent :	3.125%

Rate of Inbreeding

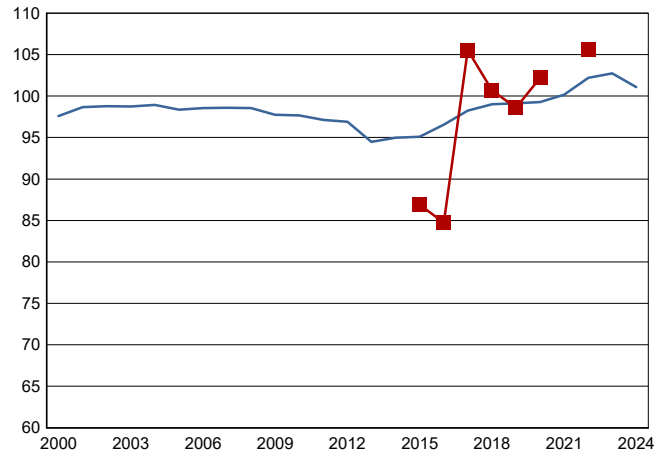


Inbreeding Levels

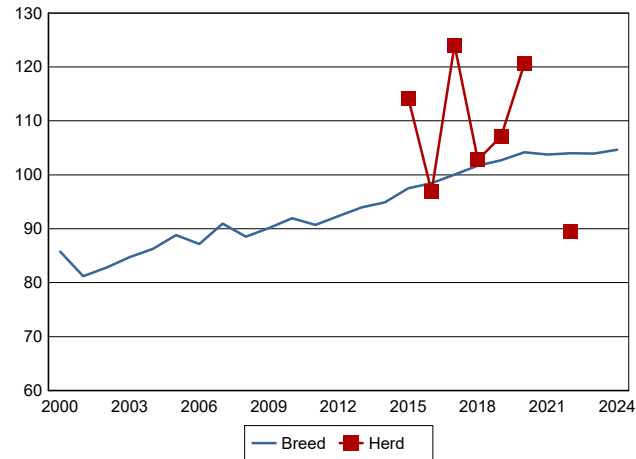
	All Animals		Males		Females		Sires		Dams	
	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed	Kennel	Breed
Number	21	49007	9	25141	12	23857	6	3371	5	6287
Average Inbreeding	5.99	8.49	5.98	8.46	6.00	8.53	8.08	8.01	6.67	8.00
Number inbred	21	48727	9	24990	12	23728	6	24990	5	23728
Number >6.25% Inbr.	10	30600	4	15537	6	15058	4	15537	3	15058

Genetic Trends

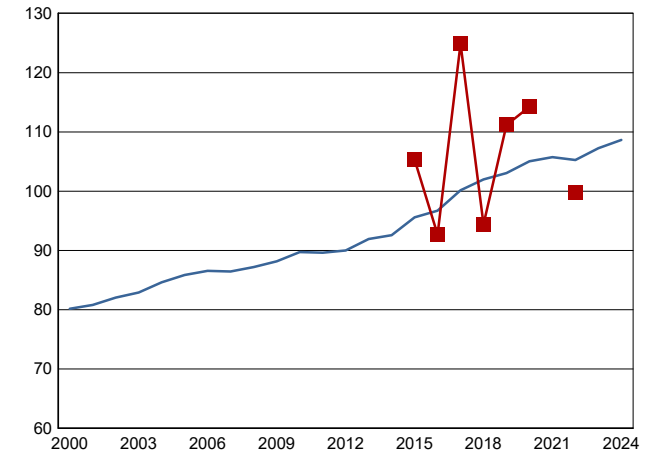
Litter Size



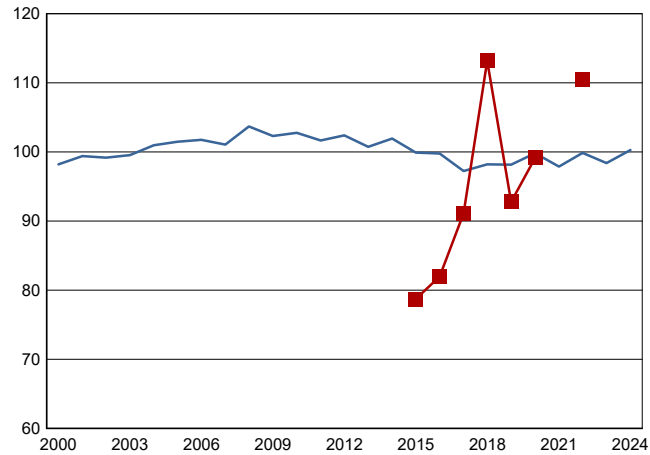
Movement



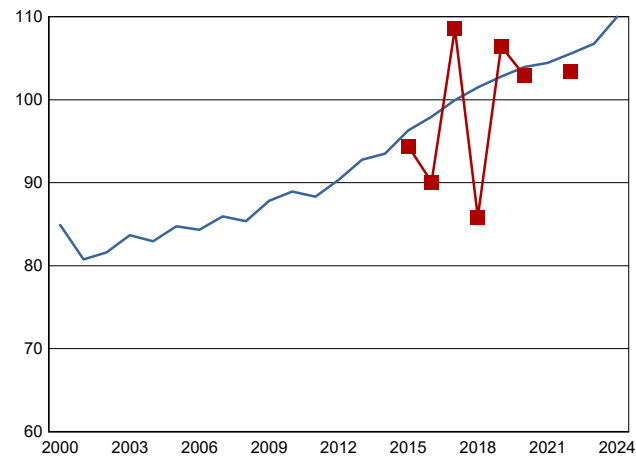
Temperament



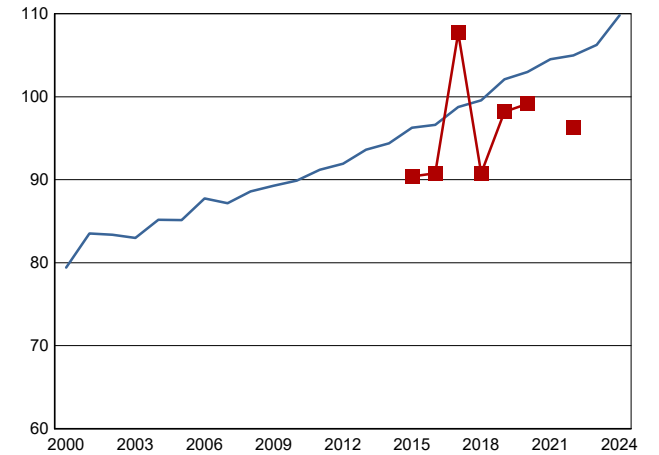
Coat



General Appearance

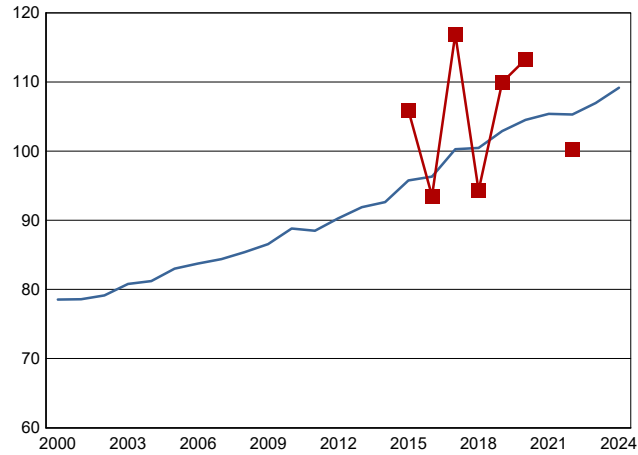


Head & Face

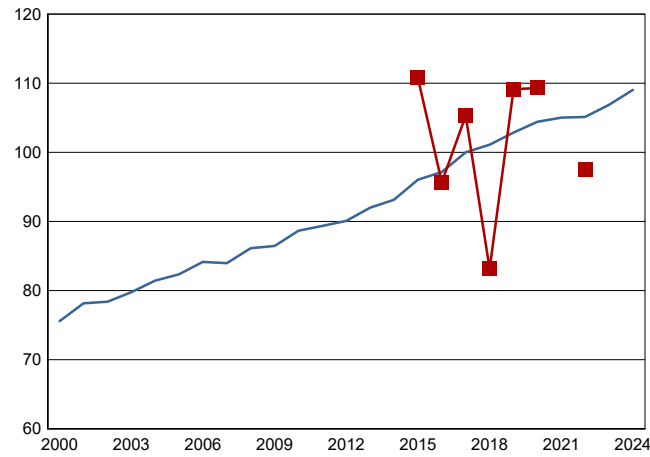


Genetic Trends

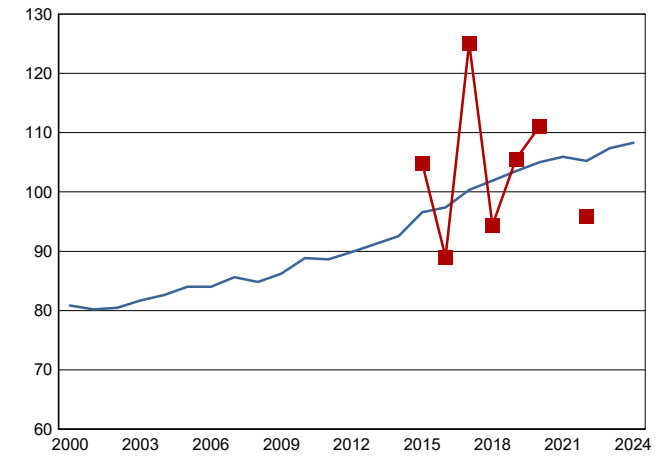
Front Quarter



Centre

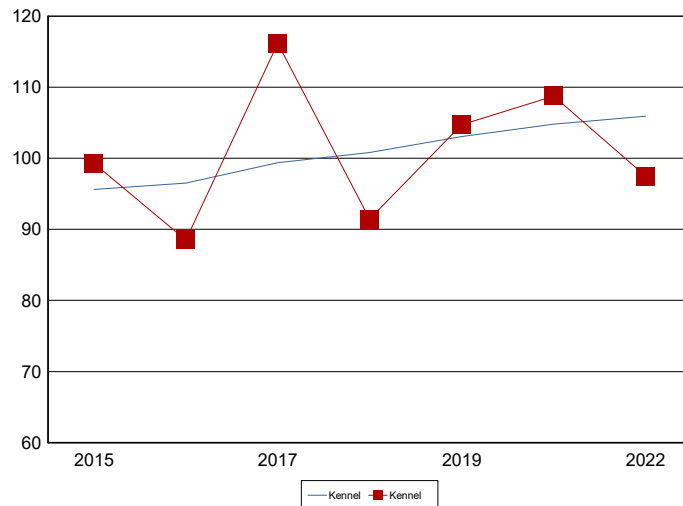


Hind Quarter

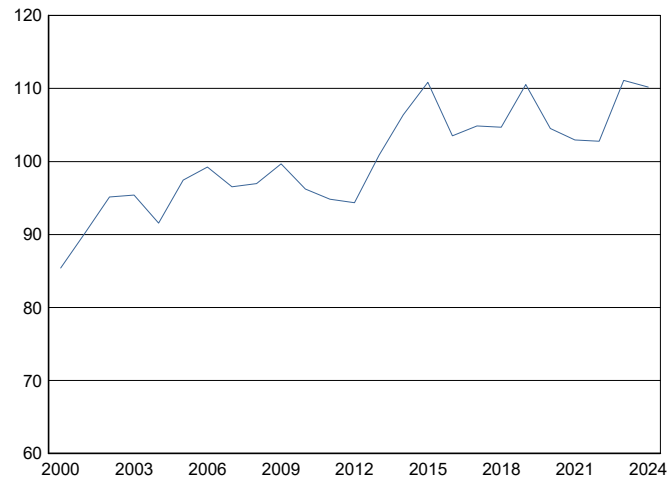


Final Score & Health Traits

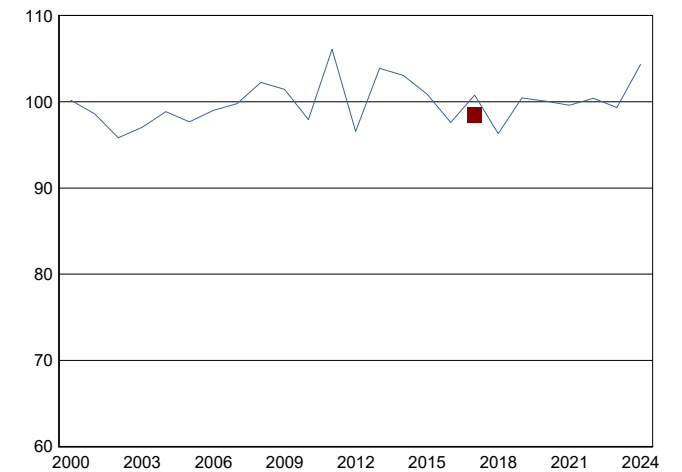
Final Score



Hip Health



Elbow Health



Estimated Breeding Value Indices (EBVi's)

Males

Inbreeding >6.25% is high

< 80

>= 100

>= 120

Animal Information		Inbreed	Health		Fertility	General			Appearance						Progeny :		Appraisal	Health		Progeny with litters
Name	Sire		Hips	Elbows	Litter Size	Move-	Tempe-	Coat	General	Head &	Front	Centre	Hind	Final	Progeny	Litters	Progeny	Hips	Elbows	
BYr	Dam	%	Acc.	Acc.	Acc.	ment	rament		Appear.	Face	Quarter		Quarter	Score			Kennels			
ROCKVIEW HERCULES	KLEIN SANDFONTEIN DEJAVU	7.96	97	107	87	108	109	91	104	87	107	112	103	100						
	DON JULIO LEILA		5	5	17	31	5	44	31	44	32	34	36	40						
ROCKVIEW ROSTAM	ROCKVIEW GOLDBERG	6.93	100	88	99	104	100	109	97	101	105	95	101	101						
	ROCKVIEW MONA		5	5	12	23	5	38	22	37	24	26	28	33						
ROCKVIEW ERYX	CHESY ACE	6.24	101	92	92	102	95	106	94	92	100	97	99	96						
	DON JULIO LEILA		5	5	5	16	5	31	15	30	17	19	22	27						
ROCKVIEW PABLO	ROCKVIEW GOLDBERG	7.01	105	105	103	94	101	107	103	97	102	100	98	99						
	ROCKVIEW BONITA		5	5	10	25	5	40	24	39	26	28	30	35						
ROCKVIEW PEDRO	ROCKVIEW GOLDBERG	7.01	105	105	103	94	101	107	103	97	102	100	98	99						
	ROCKVIEW BONITA		5	5	10	25	5	40	24	39	26	28	30	35						
ROCKVIEW OB ASA JAY	HASHTAG MAX	4.67	88	96	93	113	108	92	101	101	108	106	102	104						
	ROCKVIEW CLODA		5	5	5	22	5	32	22	32	23	24	26	29						
ROCKVIEW OB ADONKO	HASHTAG MAX	4.67	88	96	93	113	108	92	101	101	108	106	102	104						
	ROCKVIEW CLODA		5	5	5	22	5	32	22	32	23	24	26	29						
ROCKVIEW OB AHOMKA GEE	HASHTAG MAX	4.67	88	96	93	113	108	92	101	101	108	106	102	104						
	ROCKVIEW CLODA		5	5	5	22	5	32	22	32	23	24	26	29						
ROCKVIEW OB ASONGOLI	HASHTAG MAX	4.67	88	96	93	113	108	92	101	101	108	106	102	104						
	ROCKVIEW CLODA		5	5	5	22	5	32	22	32	23	24	26	29						

Estimated Breeding Value Indices (EBVi's)

Females

Inbreeding >6.25% is high

< 80

>= 100

>= 120

Animal Information			Inbreed	Health		Fertility	General			Appearance						Progeny :		Appraisal	Health		Progeny with litters
Name	BYr	Sire Dam	%	Hips Acc.	Elbows Acc.	Litter Size Acc.	Move-ment	Tempe-rament	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny	Litters	Progeny Kennels	Hips	Elbows	
ROCKVIEW KENDRA	2019	MIDDELPOS BBD MAL JAN	6.20	101	95	89	91		108	97	99	99	92	89	94						
		DON JULIO LEILA		5	5	21	36		48	35	47	37	38	41	44						
ROCKVIEW CLODA	2020	AUGUSTYN COCO	6.52	105	79	106	122	115	98	103	101	114	109	113	110	9	1				
		ROCKVIEW ASKA		5	5	23	34	9	46	34	45	34	36	38	42						
ROCKVIEW MAYA	2021	KLEIN SANDFONTEIN DEJAVU	7.96	97	107	87	108	109	91	104	87	107	112	103	100						
		DON JULIO LEILA		5	5	17	31	5	44	31	44	32	34	36	40						
ROCKVIEW DARYA	2022	ROCKVIEW GOLDBERG	6.93	100	88	99	104	100	109	97	101	105	95	101	101						
		ROCKVIEW MONA		5	5	12	23	5	38	22	37	24	26	28	33						
ROCKVIEW PARISA	2022	ROCKVIEW GOLDBERG	7.01	105	105	103	94	101	107	103	97	102	100	98	99						
		ROCKVIEW BONITA		5	5	10	25	5	40	24	39	26	28	30	35						
ROCKVIEW PRET	2022	ROCKVIEW GOLDBERG	7.01	105	105	103	94	101	107	103	97	102	100	98	99						
		ROCKVIEW BONITA		5	5	10	25	5	40	24	39	26	28	30	35						
ROCKVIEW PEYTON	2022	ROCKVIEW GOLDBERG	7.01	105	105	103	94	101	107	103	97	102	100	98	99						
		ROCKVIEW BONITA		5	5	10	25	5	40	24	39	26	28	30	35						
ROCKVIEW OB MATRY	2024	HASHTAG MAX	4.67	88	96	93	113	108	92	101	101	108	106	102	104						
		ROCKVIEW CLODA		5	5	5	22	5	32	22	32	23	24	26	29						
ROCKVIEW OB ANOPA	2024	HASHTAG MAX	4.67	88	96	93	113	108	92	101	101	108	106	102	104						
		ROCKVIEW CLODA		5	5	5	22	5	32	22	32	23	24	26	29						
ROCKVIEW OB AWIYA	2024	HASHTAG MAX	4.67	88	96	93	113	108	92	101	101	108	106	102	104						
		ROCKVIEW CLODA		5	5	5	22	5	32	22	32	23	24	26	29						
ROCKVIEW OB ANADWO	2024	HASHTAG MAX	4.67	88	96	93	113	108	92	101	101	108	106	102	104						
		ROCKVIEW CLODA		5	5	5	22	5	32	22	32	23	24	26	29						

Estimated Breeding Value Indices (EBVi's)

Females

Inbreeding >6.25% is high

< 80

>= 100

>= 120

Animal Information			Inbreed	Health		Fertility	General			Appearance						Progeny :		Appraisal	Health		Progeny with litters
Name	BYr	Sire Dam	%	Hips Acc.	Elbows Acc.	Litter Size Acc.	Move-ment	Tempe-rament	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny	Litters	Progeny Kennels	Hips	Elbows	
ROCKVIEW OB MAKWE		HASHTAG MAX	4.67	88	96	93	113	108	92	101	101	108	106	102	104						
	2024	ROCKVIEW CLODA		5	5	5	22	5	32	22	32	23	24	26	29						

Estimated Breeding Value Indices (EBVi's)

Sires

Inbreeding >6.25% is high

< 80

>= 100

>= 120

Sire Information			Inbreed	Health		Fertility	General			Appearance						Progeny :		Appraisal	Health		Progeny with litters
Name	BYr	Sire Dam	%	Hips Acc.	Elbows Acc.	Litter Size Acc.	Move-ment	Tempe-rament	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny Litters	Progeny Kennels	Hips Elbows			
AUGUSTYN COCO		KLEIN SANDFONTEIN AERO	6.48	93	60	96	117	100	108	93	95	104	102	101	101	18	4	8		6	
2013	AUGUSTYN MAYA	5		5	34	49	20	66	48	65	50	52	55	60	8						2
MIDDELPOS BBD MAL JAN		PIET-ZYN-DRIFT RENO	5.61	104	92	88	91	94	108	100	108	99	91	85	96	47	12	22		14	
2013	MIDDELPOS BBD MOKKA	5		5	45	63	38	77	63	76	64	66	68	73	18						3
KLEIN SANDFONTEIN DEJAVU		KLEIN SANDFONTEIN MATANA	8.05	97	117	84	124	128	75	115	85	115	132	114	108	55	10	12		11	
2015	KLEIN SANDFONTEIN CHILLY	10		20	44	60	33	75	59	74	60	63	65	70	12						2
ROCKVIEW GOLDBERG		MIDDELPOS BBD MAL JAN	6.20	101	95	91	88	92	117	100	103	102	94	92	98	37	9	3		1	
2019	DON JULIO LEILA	5		5	22	45	16	61	44	60	46	48	51	56	3						1
CHESY ACE		AUGUSTYN COCO	6.73	104	86	95	112	101	105	94	95	102	101	104	101	17	5	2			
2020	APHRODITE HERA	5		5	8	27	5	42	26	41	27	30	32	37	2						
HASHTAG MAX		TARGUS RAM	15.43	72	113	79	103	100	86	99	101	101	103	91	97	9	1				
2021	HASHTAG WIDOW	5		5	28	47	27	56	46	55	47	48	50	53							

Estimated Breeding Value Indices (EBVi's)

Dams

Inbreeding >6.25% is high

< 80

>= 100

>= 120

Animal Information			Inbreed	Health		Fertility	General			Appearance						Progeny :		Appraisal	Health		Progeny with litters
Name	BYr	Sire Dam	%	Hips Acc.	Elbows Acc.	Litter Size Acc.	Move- ment	Tempe- r ament	Coat	General Appear.	Head & Face	Front Quarter	Centre	Hind Quarter	Final Score	Progeny Litters	Progeny Kennels		Hips	Elbows	
DON JULIO LEILA	2017	AMAJUBA BBD BOESMAN	4.15	97	98	90	92	90	108	93	90	99	93	93	92	22	5	7			5
		PERFECTUS LA VODKA		5	5	30	42	15	58	42	57	43	45	48	53			7			1
ROCKVIEW ASKA	2017	GROENBERG BBD RAMBO	10.81	118	98	116	128	130	87	113	107	124	115	126	119	17	3	9			7
		FONT BOERBOELS MOON CHILD		18	29	49	56	40	67	57	66	57	58	60	63			8			1
ROCKVIEW MONA	2019	AUGUSTYN COCO	6.30	100	82	108	119	107	101	94	100	108	96	111	105	15	3				
		FONT BOERBOELS MOON CHILD		5	5	43	39	5	56	39	55	40	42	45	50						
ROCKVIEW BONITA	2019	KLEIN SANDFONTEIN DEJAVU	5.57	110	115	115	100	111	97	107	91	103	106	104	100	14	2	2			1
		MIDDELPOS BBD SALLY 6		5	5	38	45	17	61	44	60	46	48	51	56			2			1
ROCKVIEW CLODA	2020	AUGUSTYN COCO	6.52	105	79	106	122	115	98	103	101	114	109	113	110	9	1				
		ROCKVIEW ASKA		5	5	23	34	9	46	34	45	34	36	38	42						

